

## DVD Audio/Video &amp; Super Audio CD Player

The DVD-1920 is endowed with technology to unleash the full impact of DVD-Video picture quality. The DVD-1920 also uses 12-bit, 108-MHz video D/A converter to faithfully preserve the delicate low-level signals often lost during D/A conversion. With these advanced video image technologies, the DVD-1920 will reproduce with the highest resolution, DVD images on Progressive-compliant monitors and projectors. In addition to these features, the DVD-1920's HDMI port supports multi-channel DVD-Video and DVD-Audio output when connected to HDMI compliant equipment. For sound, it is high quality audio D/A conversion and Digital Bass Management that will bring out the best of not only Super Audio CD and DVD-Audio discs, but your entire CD collection as well.



- **HDMI Interface with Multi Channel Audio (\*1)**
- 480P/720P/1080i Scaling

#### ■ Progressive Scan featuring DCDi by Faroudja

Progressive Scan technology represents a vast improvement over the interlaced scanning method used in TV broadcasts and other conventional applications, as it can process around twice as much video data to produce a sharper, noise-free picture with finer details. High-definition video images are faithfully displayed with optimum naturalness and beauty. Now, this DCDi technology that was available only in the higher-end DVD players has been included in Denon's affordable DVD-1920.

The DVD-1920 has a feature of manual IP detection mode selection. Even if a DVD-Video disc was mastered with wrong progressive flag or without a flag, the user can select a mode (Auto1, Auto2, Video1, 2 or 3) to enjoy higher performance of picture quality.

- DVD-Audio/Video, Super Audio CD Universal Player
- 12 bit, 108 MHz High Resolution Video D/A Converters
- Bass Management for HDMI Output

#### ■ DVD-R/RW Playback (\*2)

With the increasing presence of DVD recorders, consumers are increasingly recording audio and video material onto DVD discs. These discs can be played back on the DVD-1920.

#### ■ CD-R/RW (MP3 / Windows Media Audio 9 / JPEG / Kodak Picture CD) Playback (\*2)

The DVD-1920 supports the CD-R/RW format. It plays finalized CD-R/RW discs (single-session or multi-session) containing MP3/WMA9 audio files. It also reads still photos in the Kodak Picture CD or JPEG format taken by a digital camera. WMA (Windows Media Audio) is an audio compression format developed with Microsoft technology. It claims to offer the highest quality sound available in the industry. If WMA is used to compress a music CD on a PC, for instance, using the new Encoder 9, the quality of sound at 48 kbps is said to be equivalent to that of the original CD.

#### ■ 24-bit, 192-kHz High Resolution Audio D/A Converters

#### ■ Picture Zooming (x2 or x4)

During play, when you press the Zoom button on the remote control, you can enlarge the picture by 2x or 4x. Use the cursor to move the enlarged viewing area up, down, to the left, or to the right.

#### ■ A Wealth of Playback Functions

The DVD-1920 includes a wide variety of playback functions, such as Resume Play, for returning to the Pause position on the disc after the playback was restarted; Slow Play; Repeat Play (A-B, Chapter, Track, Disc); Random Play and Program Play.

#### ■ VSS (Virtual Surround Sound)

Enjoy enveloping surround sound using just one pair of speakers.

#### ■ Discrete Remote Control commands for Power On/Off

#### ■ Aluminum Front Panel

The DVD-1920 features the front panel is made of strong, high-grade aluminum. When combined with a Denon A/V surround amp of uniform design, the matching front panels give a touch of elegance to any decor.

#### ■ Color Component Video Output

The DVD-1920 provides color component video (Y, CB/PB, CR/PR) output that ensure the best reproduction of fine color detail with today's high-end video monitors and large screen projectors that feature component video inputs. This connection method provides the best video quality compared to "S"-video and composite video connections.

#### ■ 2 MB Buffer Memory

This unit is equipped with a 2 MB buffer memory to ensure that both picture and sound are played without interruption when the DVD disc shifts from layer 1 to layer 2, or in the rare event of a pickup dropout.

#### ■ Picture Adjustment function

Brightness/Contrast/Colour/ Gamma Correction/Sharpness

#### ■ Aspect Ratio Function for Correct Image Displays

When you want to view video images with an aspect ratio of 4:3 on a 16:9 Progressive TV monitor, the DVD-1920's Aspect Ratio function converts the images to the correct aspect ratio so that you can enjoy high-quality Progressive output on your screen. This function also converts 16:9 images for output to 4:3 TV screens.

# DVD-1920

### ■ Icon Based On-screen Display

A simple press of the Display button on the remote controller lets you see the current operating status of the DVD-1920 within an easy-to-read display on screen. The various operations and settings are easily changed using the remote controller while monitoring the screen display.

### ■ 24 bit/96kHz PCM Digital Output Capability

### ■ PCM, Dolby Digital and DTS Digital Output

### ■ Auto Power OFF

### ■ Remote IN/OUT Terminals

(\*1) No signal is output when a device with HDCP-compliant DVI output is connected to a display that does not support HDCP. A display supporting HDCP must be connected in order to view images via DVI.

(\*2) Discs that have been poorly finalized following recording may be only partially playable or not playable at all.

## Specifications

### Video Section

#### Signal system

NTSC

#### Disc played\*

DVD Audio, DVD Video, Music CD,  
CD-R/RW (Audio/MP3/WMA/JPEG/Kodak picture CD)  
DVD-R/RW, Super Audio CD

#### Video outputs

Composite Video Output:

1.0 Vp-p (with 75 ohms load)

S-Video Output:

Y: 1.0 Vp-p (with 75 ohms load),

C: 0.286 Vp-p

Component Video Output:

Y, Pb/Cb, Pr/Cr:

Y: 1.0 Vp-p (with 75 ohms load),

Pb/Cb: 0.648 Vp-p (with 75 ohms load),

Pr/Cr: 0.648 Vp-p (with 75 ohms load)

1 HDMI Output (ver1.1)

### Audio Section

#### Audio outputs

1 Set of Analog Output (L/R)

1 Set of Multi channel (Front L/R, Center, Surround L/R, Subwoofer)

1 Optical Digital Output

1 Coaxial Digital Output

1 HDMI output

#### CD audio

Frequency response

4 Hz - 20 kHz

Signal-to-noise ratio

115 dB

Dynamic range

98 dB

Total harmonic distortion

0.004%

#### General

##### Power supply

AC 120 V, 60 Hz

##### Power Consumption

20W (Standby: 1 W)

##### Dimensions

435 (W) x 75 (H) x 310 (D) mm

17-3/32" (W) x 2-61/64" (H) x 12-13/32" (D)

##### Weight

2.6 kg, 5.72 lbs

##### Remote Control Unit

RC-1017

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\*Silver version is available

\* Design and specifications are subject to change without notice.

\* "Dolby", "Dolby Digital", "Pro Logic", and the double-D device are registered trademarks of Dolby Laboratories Licensing Corporation.

\* "DTS" and "DTS Digital Out" are trademarks of Digital Theater System, Inc.

\* HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

\* "WMA"(Windows Media Audio) is a new audio codec developed by Microsoft® in the United States of America.

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